CONFIGURING ETHERNET TEAMING

Follow the directions below to configure your LaCie professional server for Ethernet Teaming.

Important info: The Ethernet adapters on the LaCie professional server will be reset during the driver configuration. As a result, Ethernet connection will be lost for a small amount of time.

SETUP

1. Launch the Dashboard from a Windows workstation on the same network as your LaCie server. **Start > All Programs > Windows Storage Server 2008 R2 > Windows Storage Server 2008 R2 Dashboard**



2. Click on COMMON TASKS to select Network Connections.

🐼 Windows Storage Server 2008 R2 Dashboard	
Home Users Computers Server Folders Add-Ins Law	CE Windows Storage Server 200882 Esertais
	🕐 No alerts 🛛 🧠 Server settings 🔞 Help 👻
<section-header><section-header><text><text><text><image/><image/></text></text></text></section-header></section-header>	Search online help P Community links Web site for help Connect site Newsgroups Extend functionality with Add-ins LaCie Website Technical Briefs Support and Downloads

3. The icons for the Local Area Network (LAN) ports will appear in the pop-up window. Right-click on either port icon to select **Properties**.



					×
Vetwork and Internet Network	Conne	ections 🕨 👻 😽	Search Network Conne	ections	Q
Organize Disable this network device Dia	iagnos	e this connection »	5		0
Local Area Connection lacie.com Intel(R) 82574L Gigabit Network C	9 9 9 9	Local Area Connection 2 Disable Status Diagnose Bridge Connections Create Shortcut Delete Rename Properties	c		

4. Select **Configure**.

Local Area Connection 2 Properties
Networking Sharing
Connect using:
Intel(R) 82574L Gigabit Network Connection #2
<u>C</u> onfigure
This connection uses the following items:
 Client for Microsoft Networks QoS Packet Scheduler File and Printer Sharing for Microsoft Networks Internet Protocol Version 6 (TCP/IPv6) Internet Protocol Version 4 (TCP/IPv4) Internet Protocol Version 4 (TCP/IPv4) Ink-Layer Topology Discovery Mapper I/O Driver Link-Layer Topology Discovery Responder
Description Allows your computer to access resources on a Microsoft network.
OK Cancel

5. In the *Connection Properties* window, choose the **Teaming** tab.

ntel(R) 82574L Gigabit Network Connection #2 Properties						
General	Link	Speed	Adv	anced	Pow	er Management
Teaming		VLANs		Drive	r	Details
(intel)	Adap	ter Teamin	g			
Team th	is adap	ter with oth	ner adap	oters		
Team:				(Nev	v Team
No tea	ams ava	ailable		•	Pro	perties
Team with ot Allows you participate in If not check	herada tospec natear edthis	pters sify whethe n. For an o adapter is i	er a net verviev not part	work conr v of teamir t of a team	iection v ig, <u>click</u>	vill <u>here</u> .
					OK	Cancel

6. Check the box next to **Team this adapter with other adapters**.

Intel(R) 82574L Gigabit Network Connection #2 Properties					es 🗾 🔀
General	Link Speed	Adv	anced	Pow	er Management
Teaming	VLANs		Driver	r	Details
	Adapter Teaming	g erada	oters		
Team:				Nev	v Team
Netre					
INO tea	ms avaliable			Pro	perties
Team with oth Allows you t participate in If not checke	er adapters o specify whethe a team. For an ov d this adapter is r	er a net verviev not par	twork conn w of teamin; t of a team.	ection v g, <u>click</u>	vill A
					T
				ОК	Cancel

7. Click **New Team**.

8. The *New Team Wizard* will launch. Type the name you would like to give to the Ethernet Team.





9. Click on the box next to the Ethernet port that will be added to the team.



New Team Wizard		×
	Select the adapters to include in this team: Intel(R) 82574L Gigabit Network Connection Intel(R) 82574L Gigabit Network Connection #2	
	This list shows the adapters that are available for Advanced Networking Services (ANS) teaming. Adapters that do not support ANS teaming, are already members of another team, or are otherwise unable to join a team, are not listed. Check the adapters you wish to include in the team. Some non-Intel adapters are supported in ANS teams. For	× III
	< Back Next > Can	el

- 10. Click Next.
- 11. Select the type of team that applies to your network demands. For further information on the benefits of each type of team, click on the selection and read the description below the list. To take full advantage of Ethernet Teaming, LaCie recommends selecting *IEEE 802.3ad Dynamic Link Aggregation*. Please note that you can change the type of teaming at any time.

New Team Wizard		×
	Select a team type: Adapter Fault Tolerance Adaptive Load Balancing Static Link Aggregation IEEE 802.3ad Dynamic Link Aggregation Switch Fault Tolerance IEEE 802.3ad Dynamic Link Aggregation	
The second secon	IEEE 802.3ad Dynamic Link Aggregation is an IEEE standard for increasing throughput between switches or a server and switch. This is accomplished by dynamically bundling or channeling several ports together and showing them as a single link using Link Aggregation Control Protocol (LACP). This increases the total bandwidth for the link and provides fault-tolerance in the event of switch port, cable, or adapters failure.	(=)
	< Back Next > Cancel	el

- 12. Once you have highlighted the preferred Ethernet Team type, click **Next**.
- 13. Click **Finish**. The Ethernet adapters will be reset during the driver configuration. As a result, Ethernet connection will be lost for a small amount of time.



14. Network Connections now shows that the two Ethernet ports have been successfully teamed.

Control Panel 🔸 Network and Interne	t Network Connections			- 4	nections	× ,>
Organize 🔻					· · · · · · · · · · · · · · · · · · ·	?
Name	Status	Connectivity	Device Name	Network Category	Owner	
 ↓ Local Area Connection 2 ↓ Local Area Connection 2 ↓ Local Area Connection 4 ↓ Local Area Connection 3 	Enabled Enabled lacie.com Network.cable unplugged	Internet access	TEAM : Sbigofficeplus - Intel(R) TEAM : Sbigofficeplus - Intel(R) TEAM : Sbigofficeplus Intel(R) Advanced Network Serv	Private network	System System System System	
•	III					F.